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RAW SEQUENCE LISTING   DATE: 05/01/2002
PATENT APPLICATION: US/10/072,540A   TIME: 12:50:47

Input Set : A:\X-11368A Sequence Listing.txt
Output Set: N:\CRF3\05012002\J072540A.raw

```
 3 <110> APPLICANT: Hoffmann, James
 5 <120> TITLE OF INVENTION: GLP-1 FORMULATIONS
 7 <130> FILE REFERENCE: X-11368A
 9 <140> CURRENT APPLICATION NUMBER: US 10/072,540A
10 <141> CURRENT FILING DATE: 2002-02-08
12 <150> PRIOR APPLICATION NUMBER: US 60/067,600
13 <151> PRIOR FILING DATE: 1997-12-05
15 <160> NUMBER OF SEQ ID NOS: 5
17 <170> SOFTWARE: PatentIn version 3.1
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 31
21 <212> TYPE: PRT
22 <213> ORGANISM: Homo sapiens
24 <400> SEQUENCE: 1
26 His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
27 1               5                   10                  15
30 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Gly
31             20                  25                  30
34 <210> SEQ ID NO: 2
35 <211> LENGTH: 30
36 <212> TYPE: PRT
37 <213> ORGANISM: Artificial Sequence
39 <220> FEATURE:
40 <223> OTHER INFORMATION: synthetic construct
42 <220> FEATURE:
43 <221> NAME/KEY: MISC_FEATURE
44 <222> LOCATION: (1)..(1)
45 <223> OTHER INFORMATION: Xaa at position 1 is Ala, Gly, Val, Thr, and Ile;
48 <220> FEATURE:
49 <221> NAME/KEY: MISC_FEATURE
50 <222> LOCATION: (14)..(14)
51 <223> OTHER INFORMATION: Xaa at position 14 is Glu, Gln, Ala, Thr, Ser, and Gly;
54 <220> FEATURE:
55 <221> NAME/KEY: MISC_FEATURE
56 <222> LOCATION: (20)..(20)
57 <223> OTHER INFORMATION: Xaa at position 20 is Glu, Gln, Ala, Thr, Ser, and Gly;
60 <220> FEATURE:
61 <221> NAME/KEY: MISC_FEATURE
62 <222> LOCATION: (30)..(30)
63 <223> OTHER INFORMATION: Xaa at position 30 is Gly or absent.
66 <400> SEQUENCE: 2
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W--> 68 Xaa Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Xaa Gly Gln
     69 1   5   10   15

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```
W--> 72 Ala Ala Lys Xaa Phe Ile Ala Trp Leu Val Lys Gly Arg Xaa
     73              20              25              30
     76 <210> SEQ ID NO: 3
     77 <211> LENGTH: 30
     78 <212> TYPE: PRT
     79 <213> ORGANISM: Artificial Sequence
     81 <220> FEATURE:
     82 <223> OTHER INFORMATION: synthetic construct
     84 <220> FEATURE:
     85 <221> NAME/KEY: MISC_FEATURE
     86 <222> LOCATION: (19)..(19)
     87 <223> OTHER INFORMATION: Xaa at position 19 is Lys or Arg;
     90 <220> FEATURE:
     91 <221> NAME/KEY: MISC_FEATURE
     92 <222> LOCATION: (27)..(27)
     93 <223> OTHER INFORMATION: Lys at position 27 may be acylated;
     96 <220> FEATURE:
     97 <221> NAME/KEY: MISC_FEATURE
     98 <222> LOCATION: (30)..(30)
     99 <223> OTHER INFORMATION: Xaa at position 30 is Gly or absent.
    102 <400> SEQUENCE: 3
    104 Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly Gln
    105 1               5               10              15
W--> 108 Ala Ala Xaa Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Xaa
    109              20              25              30
    112 <210> SEQ ID NO: 4
    113 <211> LENGTH: 30
    114 <212> TYPE: PRT
    115 <213> ORGANISM: Homo sapiens
    117 <220> FEATURE:
    118 <221> NAME/KEY: MOD_RES
    119 <222> LOCATION: (30)..(30)
    120 <223> OTHER INFORMATION: AMIDATION
    123 <400> SEQUENCE: 4
    125 His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
    126 1               5               10              15
    129 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg
    130              20              25              30
    133 <210> SEQ ID NO: 5
    134 <211> LENGTH: 31
    135 <212> TYPE: PRT
    136 <213> ORGANISM: Artificial Sequence
    138 <220> FEATURE:
    139 <223> OTHER INFORMATION: synthetic construct
    141 <400> SEQUENCE: 5
    143 His Val Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
    144 1               5               10              15
    147 Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg Gly
    148              20              25              30
```

RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 05/01/2002
PATENT APPLICATION: US/10/072,540A   TIME: 12:50:48

Input Set : A:\X-11368A Sequence Listing.txt
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Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:2; Xaa Pos. 1,14,20,30
Seq#:3; Xaa Pos. 19,30

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VERIFICATION SUMMARY   DATE: 05/01/2002
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Input Set : **A:\X-11368A Sequence Listing.txt**
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L:68 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:72 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:16
L:108 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:16